Subject: KWIC Power Outages

Effective Date: October 1, 2004   Revised from: KWIC Owners Guide

Policy: Network servers and their monitors must be protected from power surges, brown outs, and loss of electricity. Servers perform many functions on the network and in the delivery of KWIC. Unprotected, a loss of power can require several hours of work to repair problems with the software and/or hardware.

Procedure:

This information is only a general guide but does identify the most important issues.

KWIC Provided Power Supply

A Back-UPS LS700 uninterruptible power supply (UPS) has been provided for each server installed for KWIC. This equipment provides a short period of back up power to allow the server to be shut off manually as well as provides protection from low or high voltage in your building. All other servers should have a similar device attached to prevent unnecessary system down time and expensive repairs.

The UPS provided is rated to last 11 minutes with a full load of 700 Watts. The server will draw that much electricity only if the CD ROM is in use and all 6 hard drives are installed. KWIC servers have only 2 hard drives and you will not be using the CD ROM when the power is out so a greater amount of minutes is available.

Within 10 minutes of the loss of power, the designated person(s) will need to shut down the server. The procedure might be 5 minutes so that someone has time to find the instructions and shut it down. A working flashlight will aid in this process.

The battery in the UPS takes 4 hours to recharge. If the server has already lost power for a few minutes and loses it again, there is less time to react.

Other Power Supply Models

Information like that above needs to be identified for each of the different UPS models in use.

A plan for the clinic, health department, or county should be in place so that designated staff know what to do in the event of a power loss.